

SAFETY OBSERVATION REPORT

Observers: P. Bond, E. Lessard, T. Ludlam, M. Zarcone		Date: 1/25/07	Duration: 1 Hr.	Physics Department		
Observation Categories	Observation Questions:					
POS	In risky position relative to task? Exposed to risks of temperature/electricity/gas/chemicals/radiation? Protection OK?					
ERG	Risks from: posture, repetitive motion, load, vibration, temperature, lighting, noise, work flow?					
PPE	Correct PPE? In safe condition? All parts of the body properly protected?					
T&E	Is tool, equipment or facility right for the job? In safe condition? Used correctly?					
PRO	Is there a standard procedure? Is procedure adequate? Up to date? Understood? Followed?					
ORD	Is workplace orderly? Adequate space? Is there a place for all materials and equipment? All in its place?					
ASF	No unsafe acts or conditions identified					
Work Area or Location	Number of Contacts	Description of unsafe acts	Observation Category	Follow-up Action	Person Responsible	By Date
Phenix Lab (2-91) – Scintillator testing using radioactive sources and occasional laser use.	1	1. Researcher was eating lunch in one portion of the lab. Stated he keeps food separate from area where hazardous materials are.	PRO	1. Recommended the researcher not eat in room. Discuss at next GSC and Dept. meeting	M. Zarcone	Discussed w/ researcher during observation. Will discuss at next GSC and Dept. meeting. 2/1/07
		2. Researcher is organizationally from Medical Department. Expiration of training would not be flagged in PO Positive: Researcher had ESR posted in room, was aware of work planning process, authorizations, and where to go if unsure.	PRO	2. Query Medical for assurance that they follow up on training of individuals working in PO.	M. Zarcone	
Phenix Lab (2-81) – Scintillator testing using radioactive sources and lasers (N2)	1	1. Found a built-in bench in front of circuit breaker box.	T&E	1. Dept. has a plan to remove bench.	B. Liegel to follow up	3/31/07
		2. Workstation may not be ergonomically correct. Positive: Researcher keeps gloves and safety glasses on bench near circuit breaker box in case he needs	ERG	2. Get an ergo review for researcher if he is willing.	M. Zarcone	2/1/07

		to operate switches. Keeps copy of ESR in room.				
Atlas Lab (2-228) – Multi-use lab with Power supply troubleshooting and other assembly, design, and construction work for various experiments	2	<ol style="list-style-type: none"> Observers concerned that troubleshooting station was set up next to mechanical technician w/o a review of the work or consideration of the proximity to the technician. Technician was not concerned as he “trusted” the other workers. The supervisor of the technician was also unaware of the setup. Power strip daisy chained into another power strip. Drop cord from ceiling – is it temporary wiring or permanent? Found a built-in bench in front of circuit breaker box. <p>Positive: Technician was well aware of policies and procedures for working safely</p>	<p>PRO</p> <p>T&E</p> <p>T&E</p> <p>T&E</p>	<ol style="list-style-type: none"> Work is covered by current ESR but not for the room. PI has amended ESR to include 2-228. PI will be certain the equipment is segregated from the technician so he and any other local workers are not within the flash boundary and aware of the work being done. PI removed second power strip. Building manager to check wiring Remove bench from in front of breaker panel. 	<p>F. Lanni</p> <p>F. Lanni</p> <p>R. Liegel</p> <p>R. Liegel</p>	<p>Before any more work is done, 1/31/07</p> <p>Complete</p> <p>2/28/07</p> <p>6/30/07</p>

COMMENT: No unsafe acts were observed although personnel had been informed of the observation ahead of time.